

NOVEMBER/DECEMBER 2023

**CSBC65 — RESEARCH METHODOLOGY**

Time : Three hours

Maximum : 75 marks



**SECTION A — (10 × 2 = 20 marks)**

**Answer ALL questions.**

1. Define Research.
2. Mention the criteria of a good research.
3. Differentiate a cohort study from a case study.
4. Explain descriptive research.
5. What are the characteristics of hypothesis?
6. What is the relationship between independent and dependent variables?
7. How do the research article differs from a review article?
8. State the importance of abstract in a research article.
9. What the features of scopus indexed journals?
10. Outline the importance of proof reading in scientific era.



SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Identify the types of research and significance of research.

Or

- (b) Differentiate qualitative research from quantitative research.

12. (a) Organize the factors affecting research design.

Or

- (b) Categorize the various types of research design.

13. (a) Specify the characteristics of Hypothesis.

Or

- (b) Discuss on the concepts involved in formulating a null hypothesis.

14. (a) Organize the reference styles adopted in thesis writing.

Or

- (b) Analyse importance of e-books and e-journals.

15. (a) Discuss about the Plagiarism check and the tools used to check it.

Or

- (b) How are the Impact factor, citation index and H index calculated for a reputed journal?

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain general characteristics of research. What are the problems encountered in research?

17. Assess the contests and types of Research design.

18. Explain the significance of the Variables in a Hypothesis. Add a note on basic elements of hypothesis.

19. Discuss on format of writing a thesis.

20. Describe the stages to be considered while drafting a research manuscript.

